

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/006377

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B23C5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B23B B23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 679 968 A (HASEGAWA RYOEI ET AL) 14 July 1987 (1987-07-14)	1-12, 14-26, 28
Y	figures 1,2,9,17-19	13,27
X	EP 1 013 365 A (PLANSEE TIZIT AKTIENGESELLSCHA) 28 June 2000 (2000-06-28)	1,2, 5-12, 14-20, 22-26, 28,32,33
	figures 3-5	
X	DE 42 44 316 A (KRUPP WIDIA GMBH) 30 June 1994 (1994-06-30)	17-19, 29-31
Y	column 3, lines 40-48; figures 1-3	13,27
X	US 2003/059262 A1 (MEN YURI) 27 March 2003 (2003-03-27)	30,31
	paragraph '0101!; figures 4,6,10	
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

9 July 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 6 164 878 A (SATRAN AMIR ET AL) 26 December 2000 (2000-12-26) figures 3-6	1-29
A	US 6 017 171 A (KARLSSON ROLF) 25 January 2000 (2000-01-25) abstract; figures 1-3,5	32,33

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